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this manual contains installation operation assembly disassembly and repair instructions for the fristam fp and fpx centrifugal pumps the heavy duty fp pump is flange mounted on a cast flange support thank you for purchasing a gorman rupp pump read this manual carefully to learn how to safely install and operate your pump failure to do so could result in personal injury or damage to the pump because pump installations are seldom identical this manual cannot possibly provide detailed instructions and precautions for every aspect of 1 disassemble pump seal chamber in accordance with pump oem instructions to expose existing seal document how seal chamber is disassembled for re assembly 2 carefully remove existing seal rotary and stationary assemblies taking care not to damage shaft or seat counterbore 3 clean shaft shaft sleeve if present seal this pump requires little service due to its rugged minimum maintenance design however if it becomes necessary to inspect or replace the wearing parts follow these instructions which are keyed to the illustrations see figures e 1 and e 2 and the corresponding parts lists goolds pumps installation operation and maintenance manual model lf 3196 i frame 1 study the engineering seal layout drawing to confirm the proper seal arrangement for the pump being used the type 2 seal is designed for versatility and can be assembled in various ways the following instructions describe the standard configurations 2 to assure satisfactory operation handle seal with care take this manual incorporates the installation operation maintenance and service instructions into one document to aid in the ownership of a zoeller pump company submersible non clog wastewater product almost everywhere where pumps with rotating shafts are used a shaft seal is involved the shaft seal forms a barrier between what is inside the pump and the atmosphere a pump with a through shaft is not completely sealed itt goolds pumps will provide safe trouble free service when properly installed maintained and operated safe installation operation and maintenance of itt goolds pumps equipment are an essential end user responsibility this pump safety manual identifies specific safety risks that must be considered at all times during product life general instructions study the engineering layout drawing to confirm the proper seal arrangement for the pump being used be sure to read all instructions carefully before installing the seal to assure satisfactory operation handle the seal with care take particular caution to see that the lapped sealing faces are not scratched or damaged install the pump casing seal housing locate the gland plate squarely on the seal housing studs and pull on the plate to compress the seal spring as necessary to fit the retaining nuts tighten the nuts in the manner recommended by the pump instruction manual and to its recommended torque ured in this manual or in the sales documents please contact the nearest itt representative always specify the exact product type and serial number when requesting technical information or spare parts specifications such as weights dimensions or centers of gravity of the pump pump unit or subassem view and download fristam pumps fp series instruction and maintenance manual online fp series water pump pdf manual download also for fpx series 1 using this manual page 12 vanquish pumps vh p10 operating manual 1 1 about this manual this manual describes the functional features and operating principle of your vanquish pump and provides instructions for installation set up start up shut down operation maintenance and

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installation operation maintenance instructions Jul 17 2023 install the pump casing seal housing locate the gland plate

squarely on the seal housing studs and pull on the plate to compress the seal spring as necessary to fit the retaining nuts tighten the nuts in the manner recommended by the pump instruction manual and to its recommended torque

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